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ZEP Manufacturing Company  
Acuity Specialty Products Group, Inc.  
P.O. Box 2015  
Atlanta, GA 30301  
1-877-1-BUY-ZEP (428-9937)  
www.zep.com

# Material Safety Data Sheet and Safe Handling and Disposal Information

## Section 1. Chemical Product and Company Identification

**Product name** ZEP 40  
**Product Use** Aerosol Glass Cleaner  
**Product Code** 0144  
**Date of issue** 06/28/05 **Supersedes** 04/15/03  
**Emergency Telephone Numbers** For MSDS Information:  
Acuity Specialty Products Group, Inc.  
Compliance Services 1-877-1-BUY-ZEP (428-9937)

**For Medical Emergency**  
INFOTRAC:  
(877) 541-2016 Toll Free - All Calls Recorded

**For a Transportation Emergency**  
CHEMTREC:  
(800) 424-9300 - All Calls Recorded  
In the District of Columbia (202) 483-7616

**Prepared by** Compliance Services Group  
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PORTLAND OR 97210-1146

Printing date: 11/22/06

## Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	10 - 20	ACGIH TLV / OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
ETHYLENE GLYCOL MONOBUTYL ETHER; 2-butoxyethanol; butyl cellosolve	111-76-2	< 5	ACGIH TLV (United States). TWA: 20 ppm 8 hour(s). OSHA PEL (United States). Skin TWA: 50 ppm 8 hour(s).
HYDROCARBON PROPELLANT; blend of propane, isobutane & n-butane	75-28-5; 74-98-6; 106-97-8	5 - 15	ACGIH TLV / OSHA PEL (United States). Notes: Propane TWA: 1000 ppm 8 hour(s). OSHA PEL / ACGIH TLV (United States). Notes: n-Butane TWA: 800 ppm 8 hour(s).

## Section 3. Hazards Identification

### Acute Effects

**Routes of Entry** Absorbed through skin. Inhalation.

**Skin** Slightly hazardous in case of skin contact (irritant). Non-sensitizer for skin. Skin inflammation is characterized by itching, scaling, or reddening.

**Eyes** Hazardous in case of eye contact (irritant). Liquid in eye may cause irritation with possible damage if not rinsed immediately.

**Inhalation** Slightly hazardous in case of inhalation (lung irritant). Over-exposure by inhalation may cause respiratory irritation. Prolonged exposure may cause narcotic effect. Medical Conditions Aggravated by Overexposure: Respiratory

**Ingestion** No data on acute toxicity of the product when ingested. Unlikely in this form.

**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

### HMIS

Health	1
Flammability	1
Reactivity	0
Personal Protection	A

### Carcinogenic Effects

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

### Chronic Effects

Prolonged or repeated contact may dry skin and cause irritation. May cause headache, nausea or weakness in case of long term exposure. The substance may be toxic to blood, kidneys, liver. Repeated or prolonged exposure to the substance can produce target organs damage.

See Toxicological Information (section 11)



**Section 13. Disposal Considerations**

**Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations. **Waste Stream** Code: - (None.)  
**Classification:** - (Non-hazardous waste)  
**Consult your local or regional authorities.**

**Section 14. Transport Information**

**Proper shipping name** Not applicable.

**DOT Classification** ORM-D

**UN number** Not applicable.

**NOTE:** DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

**Section 15. Regulatory Information**

**U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:  
Ethylene Glycol Monobutyl Ether (Glycol Ethers)  
Clean Water Act (CWA) 311: No products were found.  
Clean air act (CAA) 112 regulated toxic substances: Ethylene Glycol Monobutyl Ether (Glycol Ethers)  
All Components of this product are listed or exempt from listing on TSCA inventory.

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.  
Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*